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Verduyze, Major

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5 May 80

Talking Paper on ADC Space Defense Activities

5 MAY 1980

The attached talking paper is for MG Moore's use in discussions with the USAF Academy astronautics students and faculty on 7 May 1980.

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WILLIAM E. LINDEMAN, BrigGen, USAF  
CCS/Plans, Policy, Programs  
and Requirements

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Talking Paper on ADCS/ADC Space  
Defense Activities

TELETYPE PAPER

CS

ADCOM/ADC SPACE DEFENSE ACTIVITIES (U)

--- ADC currently working with Air Force Systems Command on several major developments in the Space Defense Mission area.

--- Major impetus for these developments is found in Presidential Direction (FD/HSC-37) and related SECRETARY memo (29 Jan 78) and JCS requirement statements (1 May 78).

--- Response to growing Soviet space threat.

--- Demonstrated exorbital intercept ASAT.

--- *61*

--- Development of satellites (BOEAT and ROEAT) which provide targeting data on naval vessels.

--- Recognition of increasing importance of U.S. space systems.

--- Heavy dependence on satellites for U.S. military communications.

--- Critical importance of satellite photographic data.

--- USF rapid warning of ICBM/SLBM attack.

--- Other high value intelligence collectors.

--- Improvements in several areas

--- *b1*

--- *b1*

--- Development of a U.S. anti-satellite capability.

--- Note that President has indicated a preference for negotiated ban on ASATs with USSR. Talks to date have not been promising.

--- Space Defense Operations Center (SPADOC) will be C<sup>2</sup> center for improved U.S. space defense operations.

b1

--- Air Launch Minuteman System currently under development as U.S. SAT.

b1

--- Planned deployment in 16 aircraft (16 on each coast) and about 60 missiles. IOC in 1987 - stretched out because of funding restrictions.

b1

--- AOC also working with ASWC and JAGM on high energy laser technology applications to Space Defense.

b1

--- The facility will be used for technology development.

b1

--- To support the major military functions above, (threat satellite identification and orbit prediction, threat satellite targeting for U.S. ASST, and warning of attack on U.S. space systems), we are also working on improvements in our space surveillance capability.

--- Improving accuracy of sensors (improved calibration equipment).

--- Adding sensors for better worldwide coverage (ASST, GPS-10, and GEOSAT for deep space).

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--- In summary, ADC/ADCOM is deeply involved in improving and expanding the U.S. military space posture.

--- Near term ASST development.

--- SPAROC acquisition.

--- Long term planning for military space operations.

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WILLIAM E LINDEMAN, BrigGen, USAF  
DCS/Plans, Policy, Programs  
and Requirements